

WHAT IS CLAIMED IS:

1. A method for rendering a trimmed ribbon image on a display device of a computer, comprising the steps of:

5 inputting content ready to be displayed on a trimmed ribbon object;

generating a ribbon route for the trimmed ribbon object by a wrap function;

10 cutting the ribbon route of the trimmed ribbon object into a plurality of sub-paths by a plurality of cutting points on the ribbon route;

15 generating a plurality of segments by separatively applying an effect function to the sub-paths and the content attached to the sub-paths; and

20 combining the segments to produce the trimmed ribbon image.

2. The method of claim 1, wherein slope values of tangent lines passing through the cutting points are a local maximum value or a local minimum value.

3. The method of claim 1, wherein the content is a string with a plurality of letters.

25 4. The method of claim 3, wherein in the cutting step the letter is divided into two parts by generating two trajectories of a contour of the letter when the cutting points cutting across an interior of the letter.

5. The method of claim 1, wherein the effect function
is shading.

6. A computer readable medium for storing a program,
5 comprising the commands of:

inputting content that is ready to be displayed on a
trimmed ribbon object;

generating a ribbon route of the trimmed ribbon object
by a wrap function;

10 cutting the ribbon route of the trimmed ribbon object
into a plurality of sub-paths by a plurality of cutting
points on the ribbon route;

15 generating a plurality of segments by separatively
applying an effect function to the sub-paths and the content
attached to the sub-paths; and

combining the segments to produce the trimmed ribbon
image.

7. The computer readable medium of claim 6, wherein
20 slope values of tangent lines passing through the cutting
points are a local maximum value or a local minimum value.

8. The computer readable medium of claim 6, wherein the
content is a string with a plurality of letters.

25 9. The computer readable medium of claim 8, wherein in
the cutting command the letter is divided into two parts by
generating two trajectories of a contour of the letter when
the cutting points cut across an interior of the letter.

10. The computer readable recorded medium of claim 6,
wherein the effect function is shading.